



PATENT ABSTRACTS OF JAPAN

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F16L 11/06**// B60G 7/00**(21) Application number: **04016107**(22) Date of filing: **31.01.92**(71) Applicant: **AISIN SHINWA KK SAITAMA KIKI KK**(72) Inventor: **IKEDA YOSHIHARU****(54) TORQUE ROD BUSH AND MANUFACTURE THEREOF****(57) Abstract:**

PURPOSE: To make a torque rod bush lightweight and prolong the life thereof without increasing the production cost.

CONSTITUTION: The ball pin 6 of a torque rod bush 5 is a hollow body made of spherical graphite cast iron, and its base structure has a mixed structure of bainite and residual austenite. The ball pin element 6 of the torque rod bush 5 is cast from spherical graphite cast iron, and the ball pin element 6 is heated and held at 850-920°C for 0.5-2hr to be austenitized as it is or after roughing. It is then isothermally held at 350-420°C for 0.5hr or longer for isothermal transformation, the base structure is made a mixed structure of bainite and residual austenite, the ball pin element 6 thus obtained is machined into a correct size, then it is rockably incorporated in an inner tube 7.

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